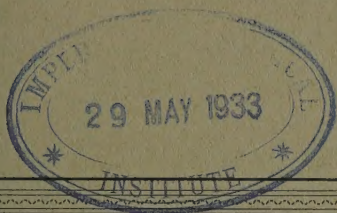


1896



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[From Proceedings of the Indiana Academy of Science, 1896.]

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# Additions to the Published Lists of Indiana Cryptogams.

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By Lucien M. Underwood.

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WM. B. SURFORD, PRINTER, INDIANAPOLIS.

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## Additions to the Published Lists of Indiana Cryptogams.

BY LUCIEN M. UNDERWOOD.

[From Proceedings of the Indiana Academy of Science, 1896.]

The following plants, mostly collected during my connection with the State Biological Survey, have not been reported as growing in Indiana, and may properly be noted in this connection. All are represented by specimens in my herbarium:

### UNREDINEÆ.

*Aecidium Oyparissia* DC. On *Euphorbia commutata*, Montgomery, 5, 1895 (Olive).

*Coleosporium ipomoeæ*. On *Ipomoeæ pandurata*, Tippecanoe, 9 1895 (Arthur).

### THELEPHORACEÆ.

*Corticium atutarium* B. & C. Putnam, 10, 1892.

*Corticium calceum* Fr. Putnam, 5, 10, 1893; 12, 1894.

*Corticium cinereum* Pers. Putnam, 12, 1891.

*Corticium filamentosum* B. & C. Putnam, 10, 1892; 12, 1894.

*Corticium lacteum* Fr. Putnam, 6, 9, 1893.

*Corticium lividum* Pers. Putnam, 5, 10, 1893.

*Corticium ochraceum* Pers. Putnam, 10, 1891.

*Corticium portentosum* B. & C. Putnam, 10, 1892.

*Corticium rubropallens* Schw. Putnam, 10, 1893.

*Hymenochaete fuliginosa* (Pers.) Lev. Putnam, 12, 1894.

*Hymenochaete purpurea* Cke. & Morg. Putnam, 9, 1893.

*Peniophora cinerescens* (Schw.) Sacc. Should stand in place of *Hymenochaete cinerescens* previously reported. Putnam, 10, 1891; 12, 1894.

*Stereum coffeatum* B. & C. Putnam, 12, 1891.

*Stereum hirsutum* (Willd.) Fr. Putnam, 10, 1893; 12, 1894.

*Stereum ochraceoflavum* Schw. Vigo, 10, 1893.

*Thelephora tephroleuca* B. & C. Putnam, 7, 1894 (Melia Ellis).

## AGARICACEÆ.

*Collybia zonata* Pk. At the foot of a maple, Putnam, 8, 1896.

## LYCOPERDACEÆ.

*Geaster fimbriatum* Fr. Putnam, 11, 1894.

*Lemanea catenulata* grows in abundance, forming fringes on the rocks above the upper fall (Eel River Falls, Owen County), where I collected it in May, 1893. According to Dr. Atkinson this species has not before been reported from America. Its *Chantransia* stage is still a desideratum. The plant was distributed in Setchell, Holden and Collins: *Phycotheca Americana*.

Additional Hosts for Indiana fungi previously reported.

*Carex Pennsylvanica* (*Puccinia caricis*). Montgomery, 5, 1895 (Olive).

*Galium aparine* (*Puccinia galii*). Montgomery, 5, 1895 (Olive).

*Ipomœa nil* (*Albugo ipomœæ-pandurinx*). Tippecanoe, 9, 1895 (Arthur).

*Phaseolus diversifolius* (*Uromyces appendiculatus*). Tippecanoe, 9, 1895 (Arthur).

Columbia University, 26 December, 1896.









